

Fig. 1A

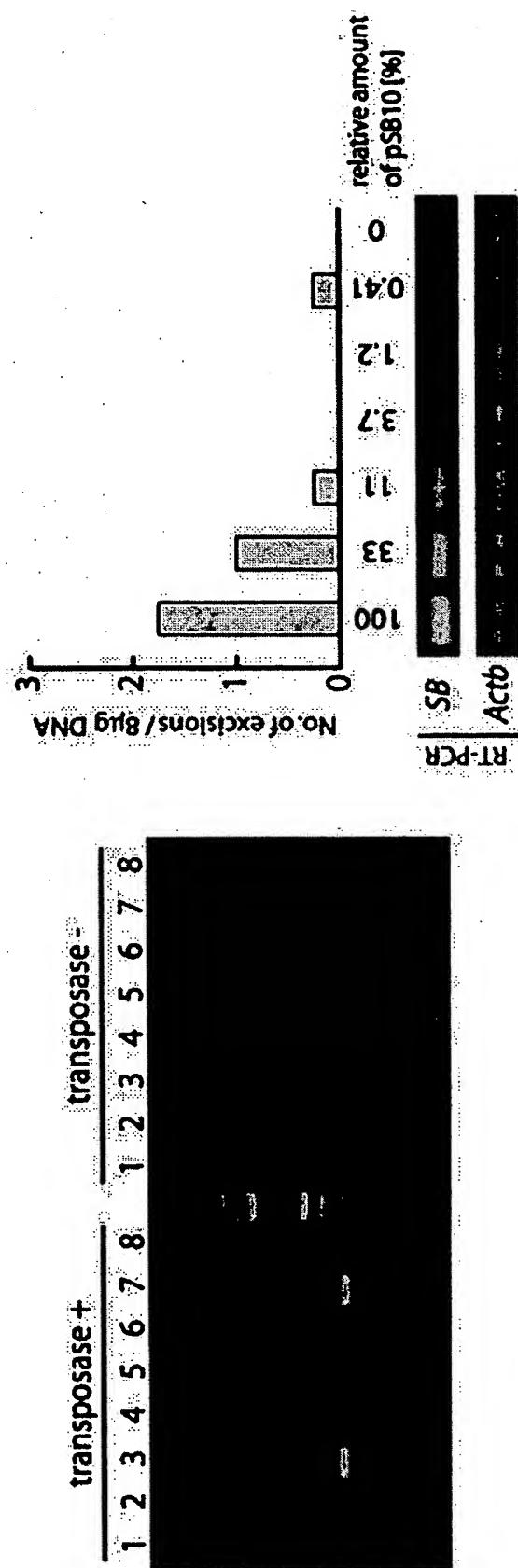


Fig. 1B

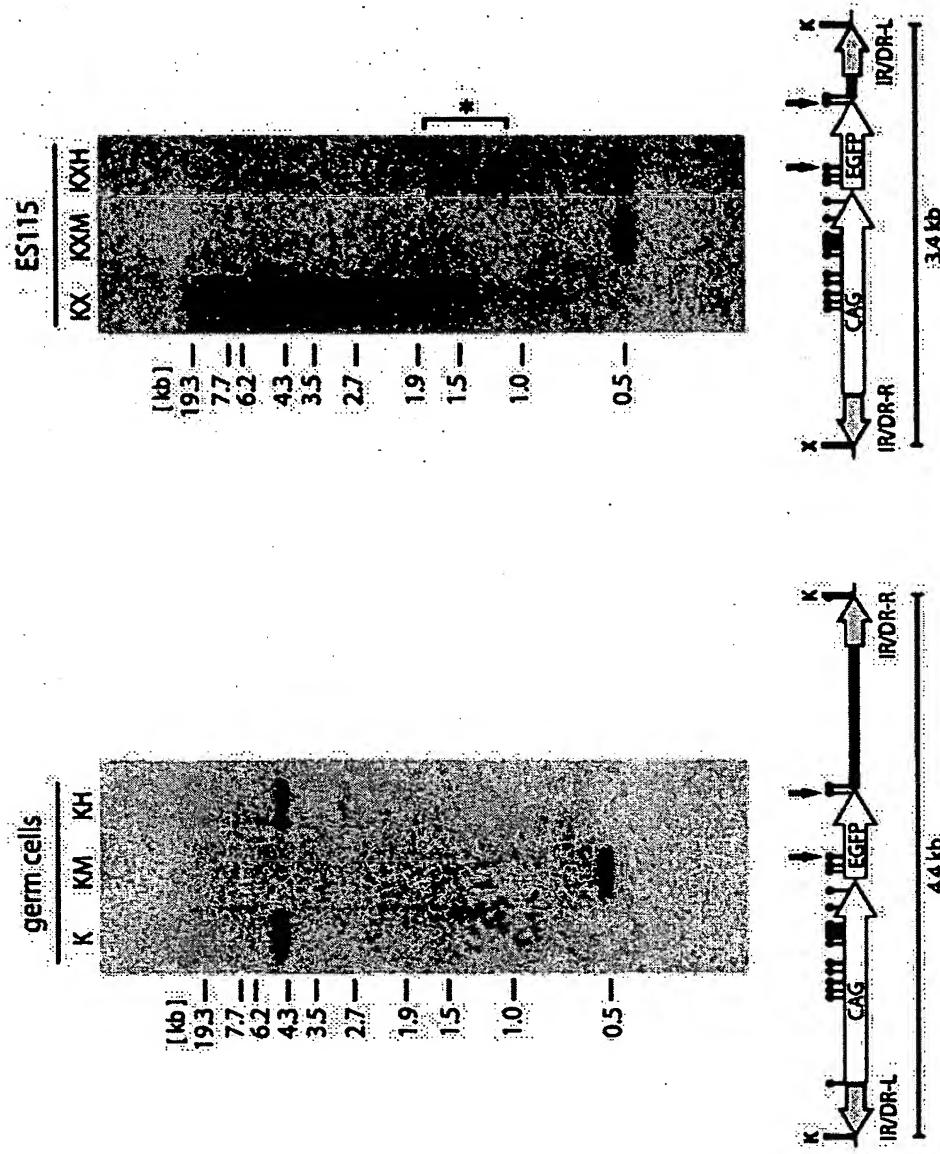
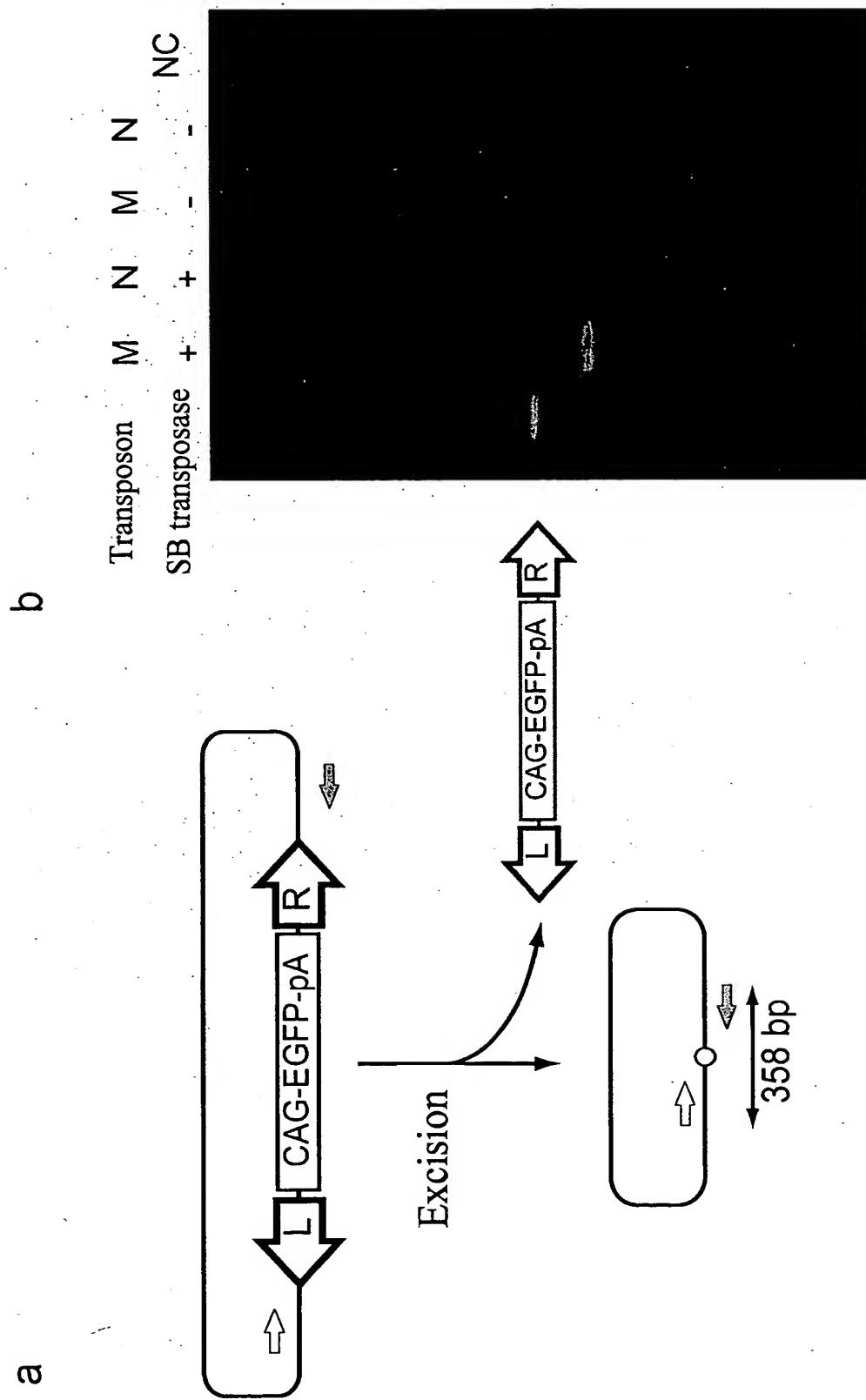


Fig. 1C

Fig. 1D



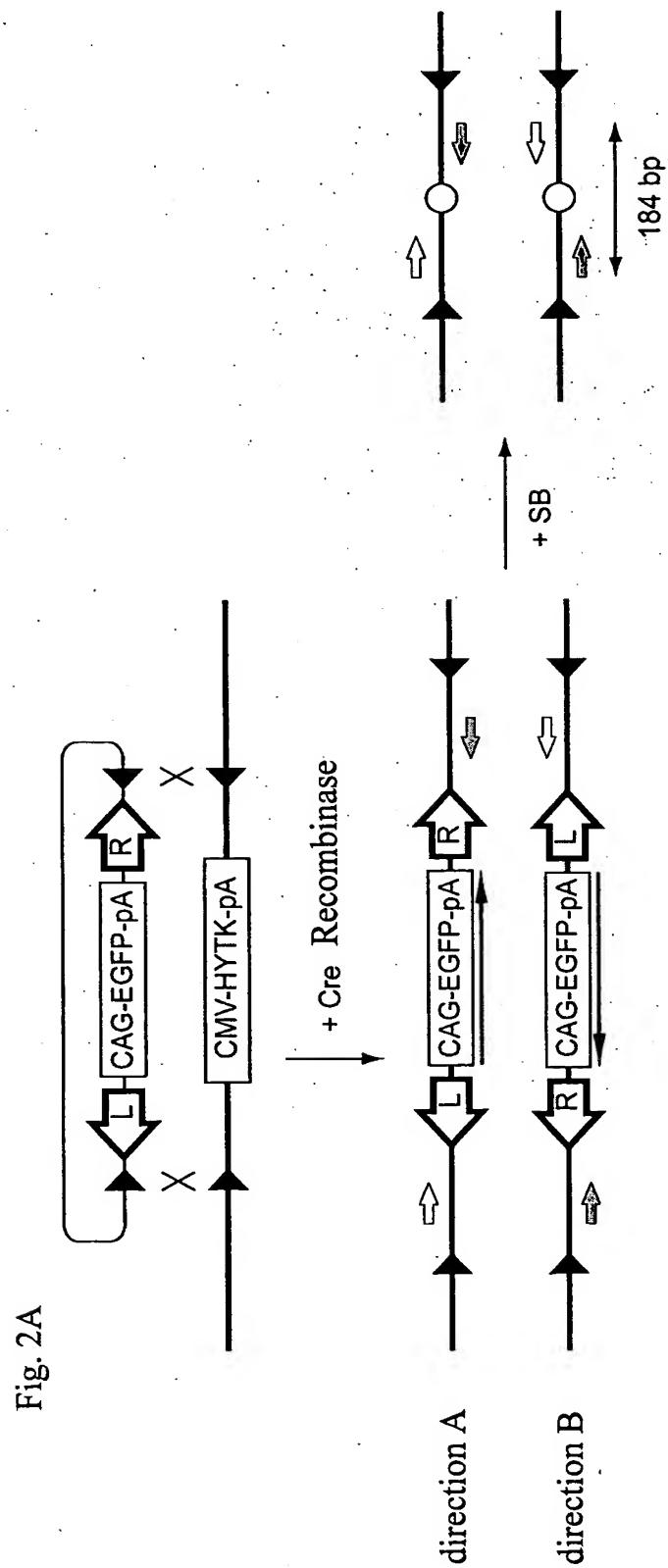


Fig. 2B

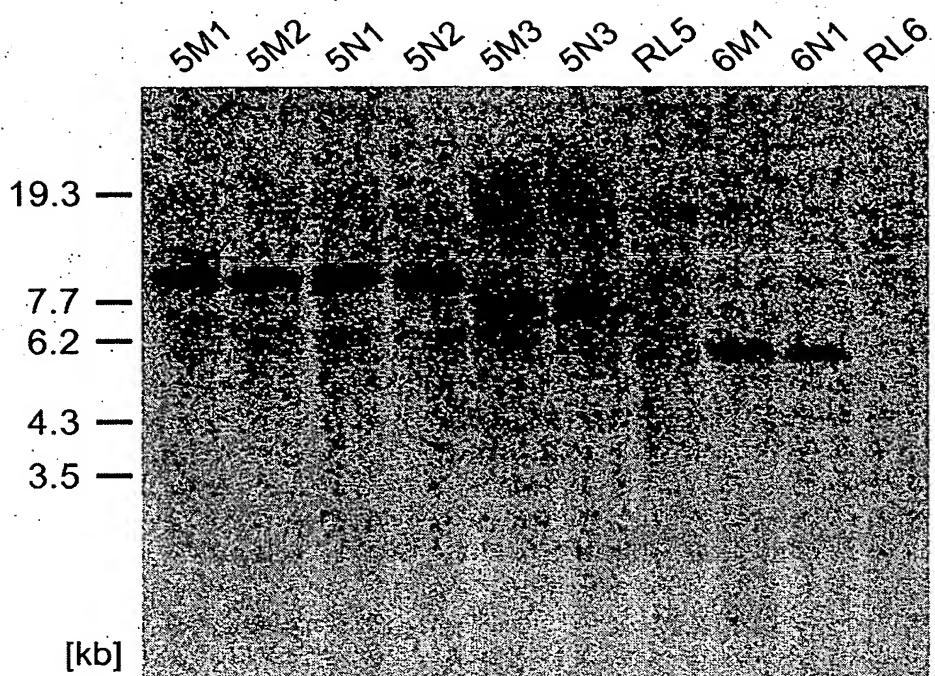
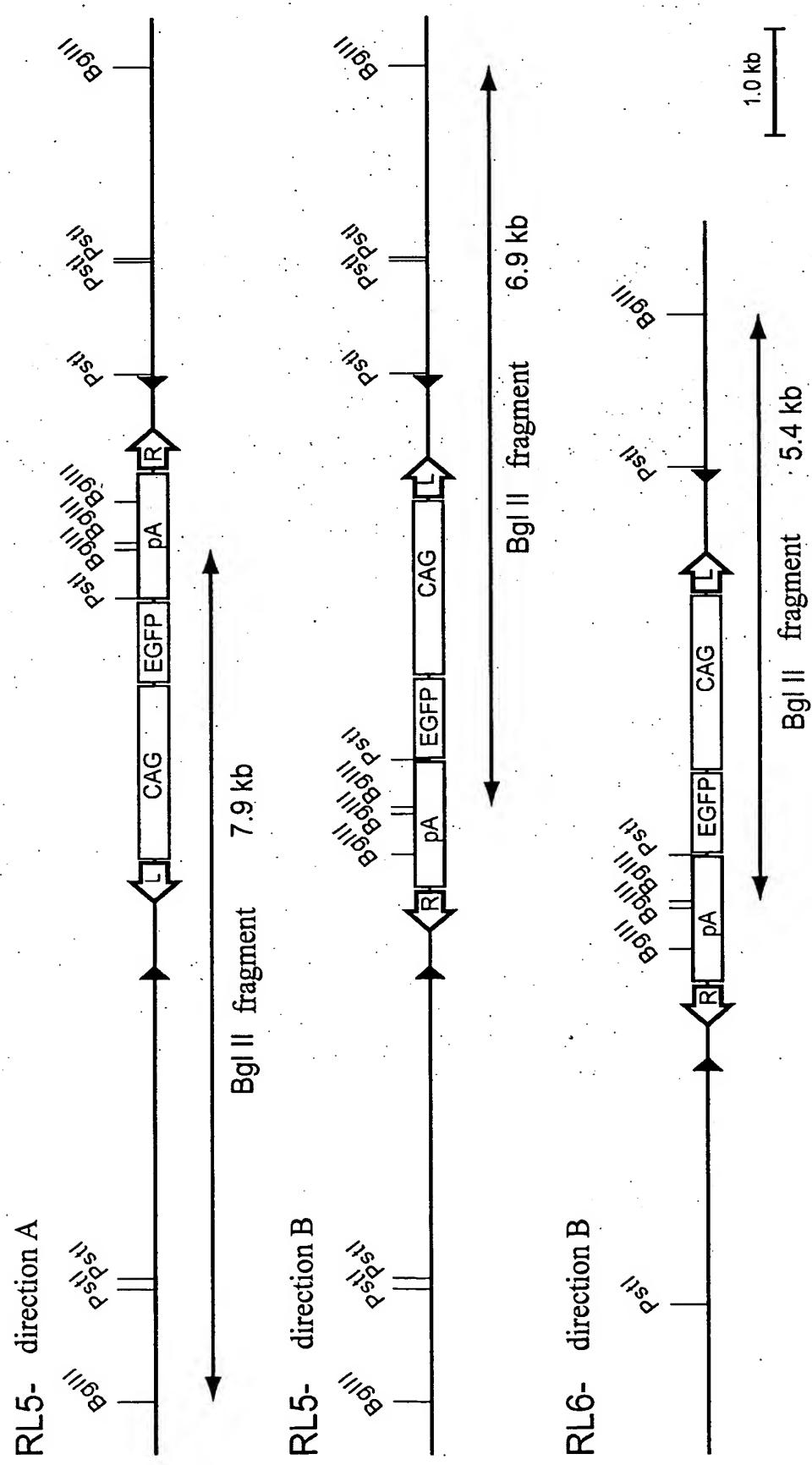
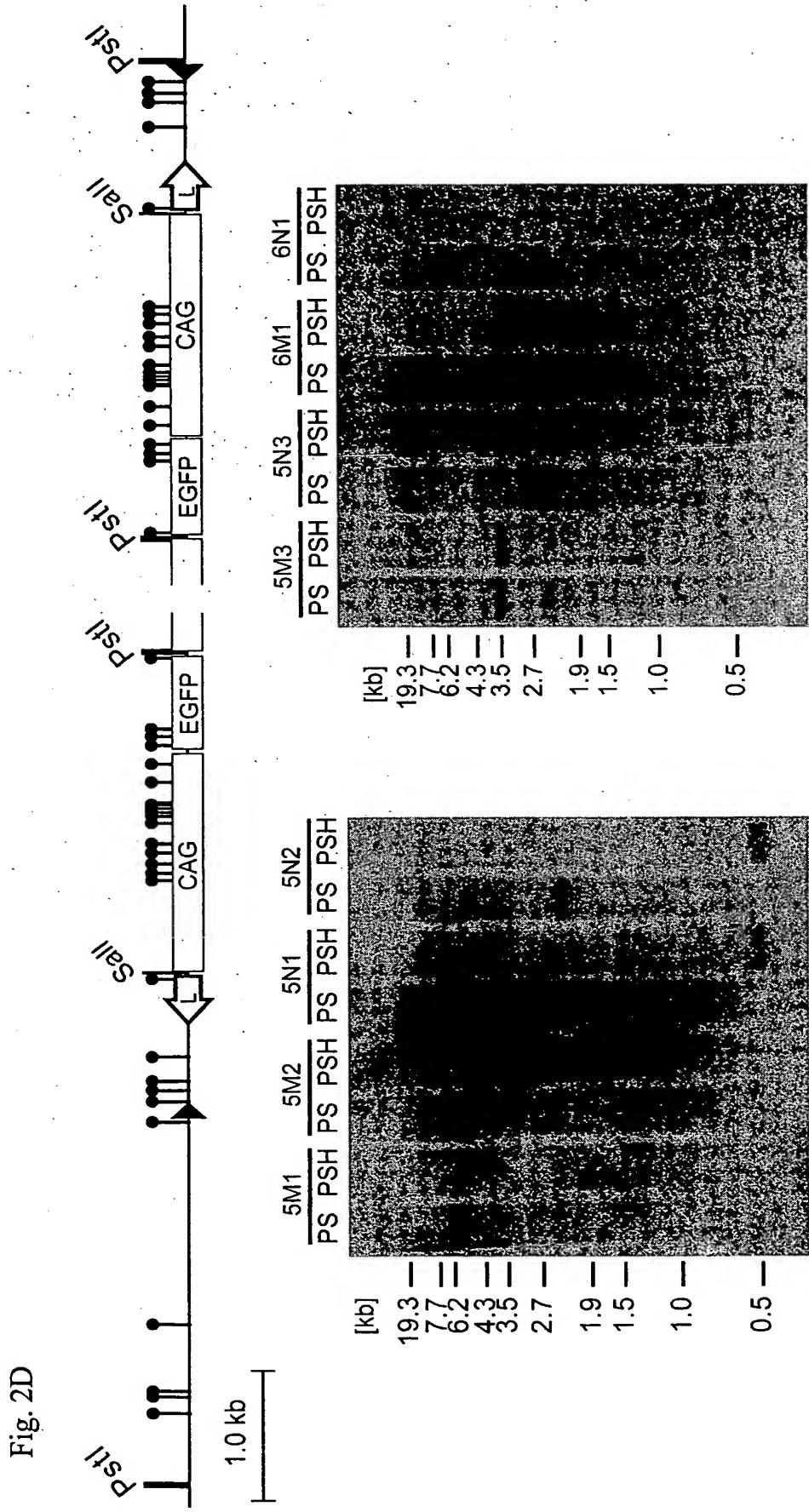


Fig. 2C





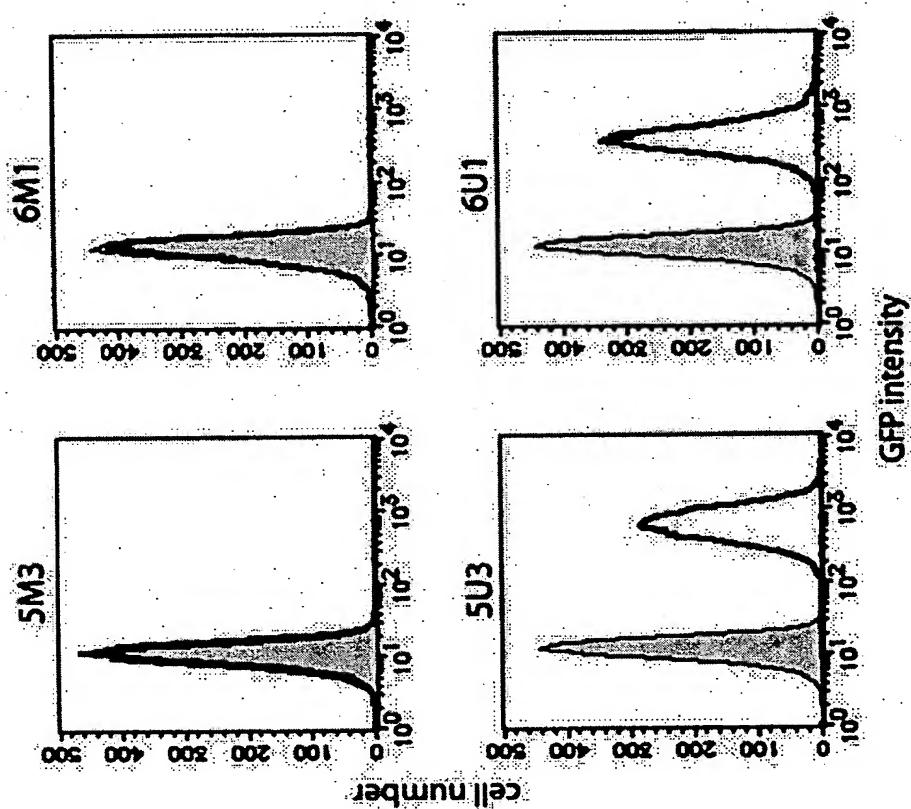
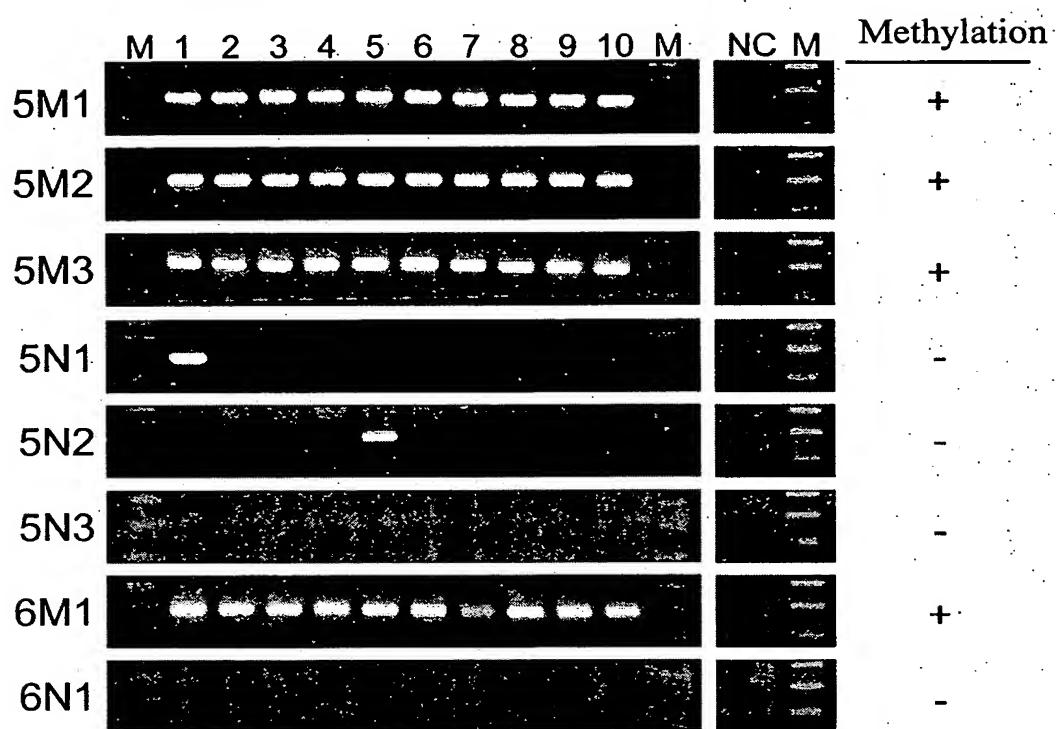


Fig. 2E

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Fig. 3A



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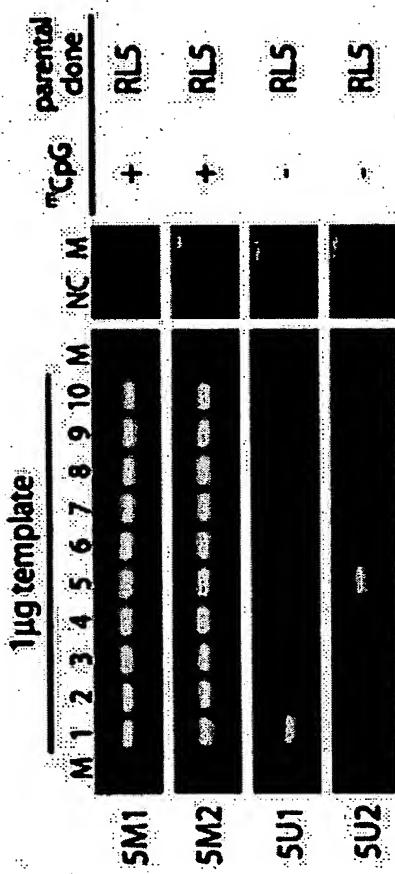


Fig. 3B

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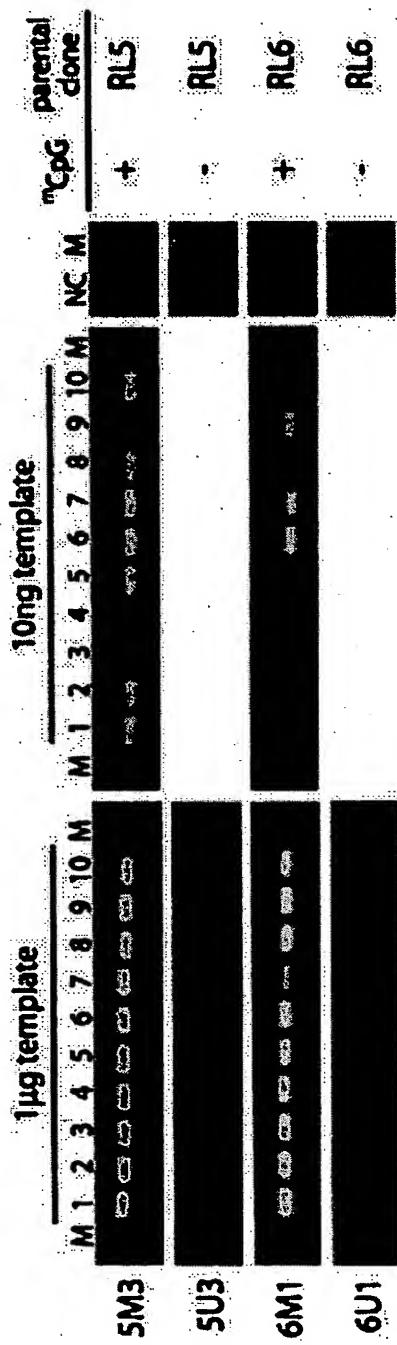


Fig. 3C

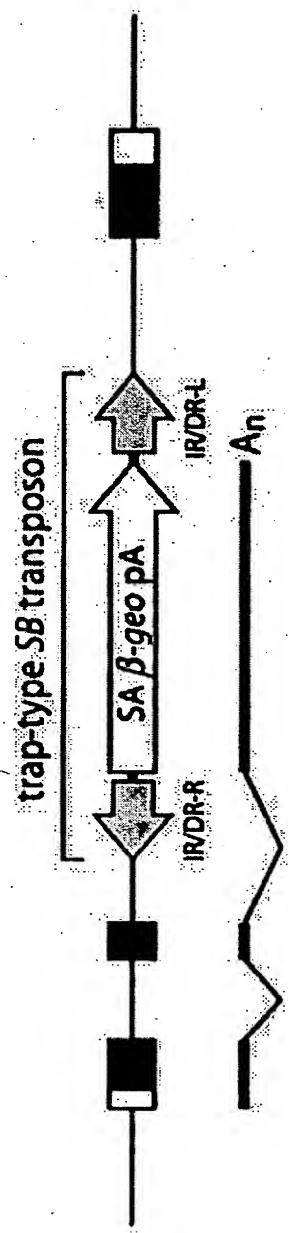


Fig. 4A

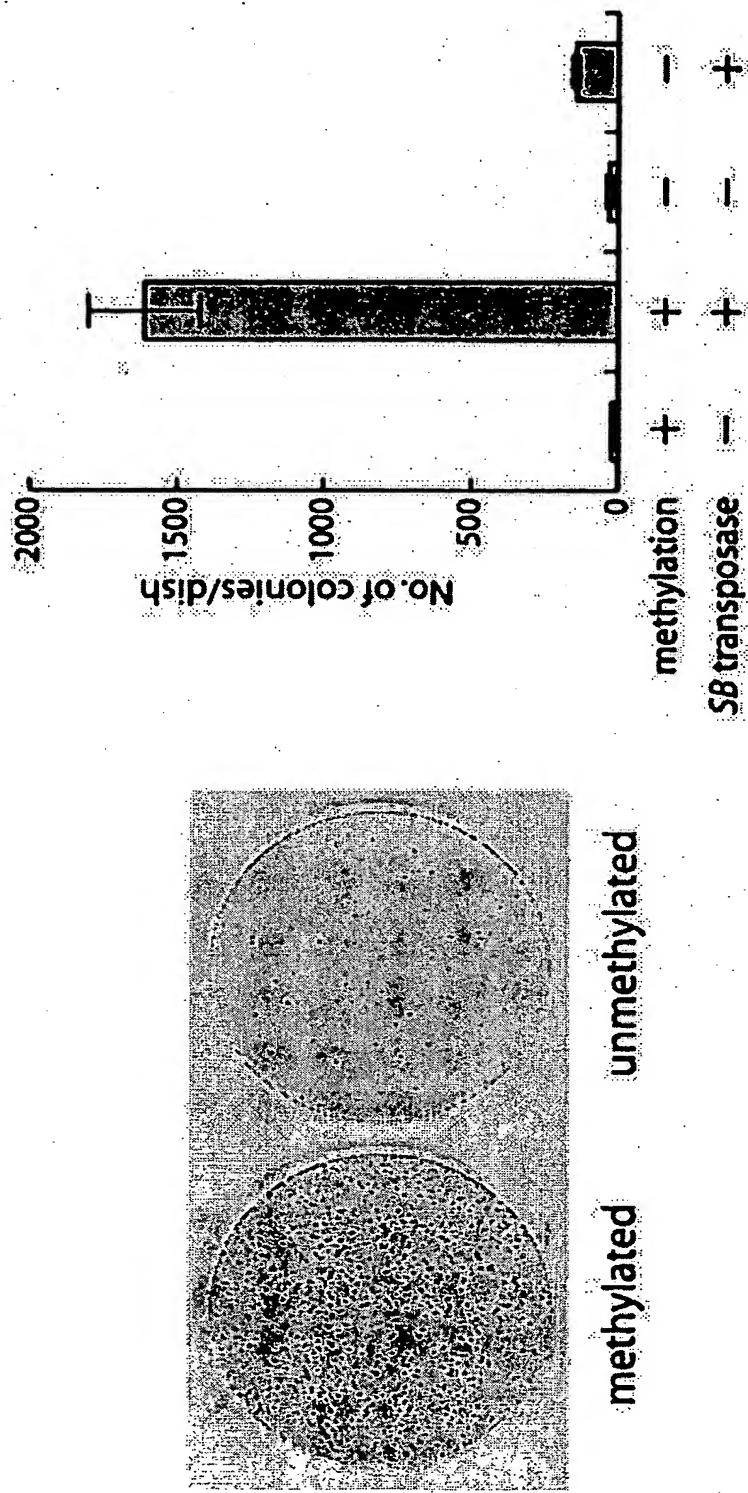


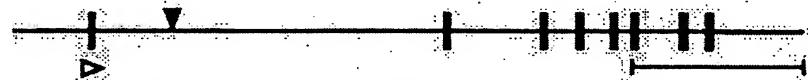
Fig. 4B

**Fig. 4C**

**M1: Chr.10, NM\_172508**



**M2S: Chr. 7, ENSMUST49387**



**M2L: Chr. 8, ENSMUSESTT33450**



**M3: Chr. 16, ENSMUSESTT27446**



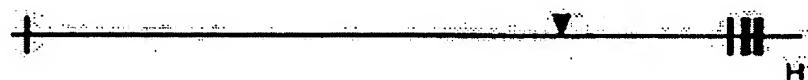
**M4: Chr. 19, Pten**



**N1: Chr. 1, ENSMUST27914**



**N6: Chr.16, ENSMUSESTT26711**



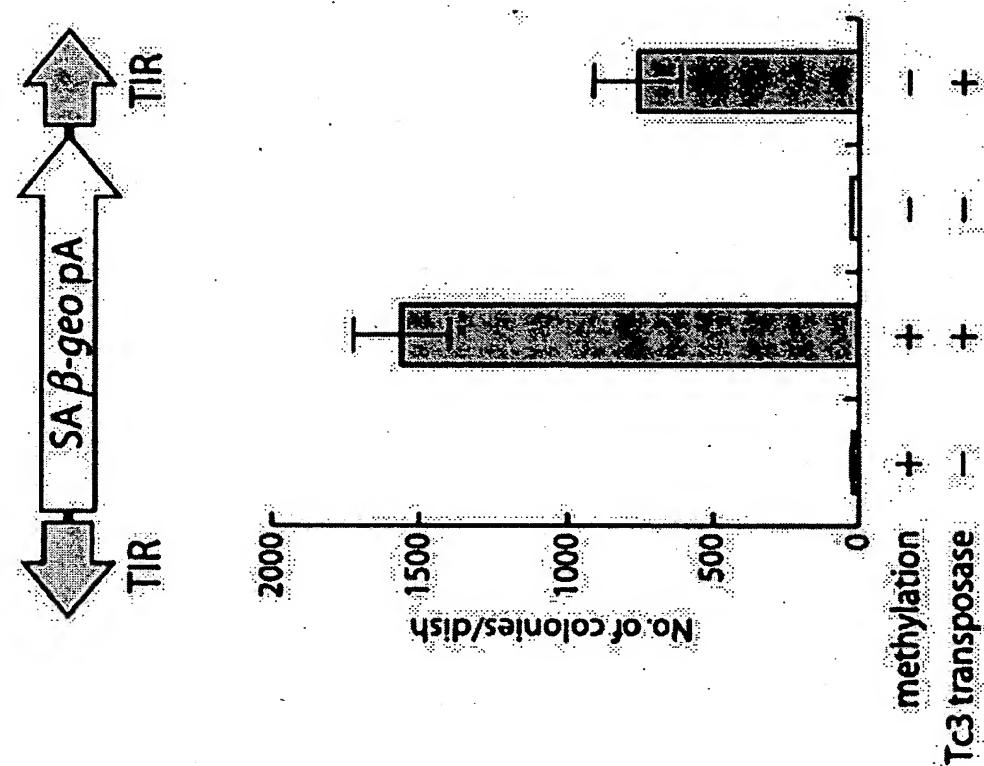


Fig. 4D

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Fig. 5A

CLUSTAL W (1.81) Multiple Sequence Alignments

Sequence type explicitly set to DNA.

Sequence format is Pearson

Sequence 1: X01005 1610 bp  
Sequence 2: Z29098 1773 bp  
Sequence 3: Z29102 1717 bp  
Sequence 4: U11641 1263 bp  
Sequence 5: U11652 1296 bp  
Sequence 6: L48685 1455 bp

Start of Pairwise alignments.

Aligning...

Sequences (5:6) Aligned. Score: 3  
Sequences (3:4) Aligned. Score: 3  
Sequences (1:2) Aligned. Score: 9  
Sequences (3:5) Aligned. Score: 3  
Sequences (4:5) Aligned. Score: 95  
Sequences (1:3) Aligned. Score: 9  
Sequences (3:6) Aligned. Score: 10  
Sequences (4:6) Aligned. Score: 3  
Sequences (1:4) Aligned. Score: 1  
Sequences (2:3) Aligned. Score: 99  
Sequences (1:5) Aligned. Score: 3  
Sequences (2:4) Aligned. Score: 3  
Sequences (1:6) Aligned. Score: 2  
Sequences (2:5) Aligned. Score: 3  
Sequences (2:6) Aligned. Score: 10

Guide tree file created: [clustalw.dnd]

Start of Multiple Alignment

There are 5 groups

Aligning...

Group 1: Sequences: 2 Score:32613  
Group 2: Delayed  
Group 3: Delayed  
Group 4: Sequences: 2 Score:22721  
Group 5: Sequences: 4 Score:12095

Sequence:6 Score:13071

Sequence:1 Score:12960

Alignment Score 47622

CLUSTAL-Alignment file created [clustalw.aln]

CLUSTAL W (1.81) multiple sequence alignment

Z29098  
Z29102  
U11641  
U11652  
L48685  
X01005

CGAGCCCCAACCACTATTAAATCGAACAGCATGTTTTTTGCAGTGCGCAATGTTAAC  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Z29098  
Z29102  
U11641  
U11652

ACACTATATTATCAATACTACTAAAGATAACACATACCAATGCAATTGCTCTCAAAGAGA  
ACACTATATTATCAATACTACTAAAGATAACACATACCAATGCAATTGCTCTCAAAGAGA  
\_\_\_\_\_

Fig. 5B

L48685 X01005	CAGTTGAAGTC—GGAAG CAGTGTGGCCAAAAAGA
Z29098 Z29102 U11641 U11652 L48685 X01005	ATTTTATTCTCTCACGACGAAAAAAAAGTTTGCTCTATTCCAACAACAACAAAAT ATTTTATTCTCTCACGACGAAAAAAAAGTTTGCTCTATTCCAACAACAACAAAAT
Z29098 Z29102 U11641 U11652 L48685 X01005	TTTACATAACACTTAAGTTGGAGTCATTAAA—ACTCGTTTCAACTACACCACAAAT TATCCA—CTTTTGGTTTTGTGTGAA—CTTTTCTCAAGCATCCATTGAC
Z29098 Z29102 U11641 U11652 L48685 X01005	ATGAGTAATTATTCAAACGGTTGCTTAAGAGATAAGAAAAAGTGACCACTATTAAATT ATGAGTAATTATTCAAACGGTTGCTTAAGAGATAAGAAAAAGTGACCACTATTAAATT AAATGTT ATTAGGT TTC—TTGTTAA—CAAACAAT—AGTTTGGCAAGTCAGTTAGGACATCTACTT TTC—AATTTTCCGTGTGCATAAAGCGAAATTTACGCAAATTGCGGACCAA—ACAT * * *
Z29098 Z29102 U11641 U11652 L48685 X01005	CGAACGGCGCTAAGCTTACCTTAATCTCAAGAAGASCAAACAAAAGCAACTAATGAA CGAACGGCGCTAAGCTTACCTTAATCTCAAGAAGAGCAAACAAAAGCAACTAATGAA TGGCTG—ATAAGTC—CCGGTTGACAC—TAGTATTAAATGCA TGGCTG—ATAAGTC—CCGGTCTGACACATAGATGGCGTGCCTAGTATTAAATGCA TGTGCATGACACAAAGT—CATTTTCCAACAATTGT—TTACAGACAGATTATTCA TACATGATTATCGATTTTCTGAATTATTCAATT—TTGATTTTCTGTTTTC * * * * *
Z29098 Z29102 U11641 U11652 L48685 X01005	CGGAATCATTATCTAGTTATGATCTGCAATAAT—GTCACAATACAGCATGCAAAA CGGAATCATTATCTAGTTATGATCTGCAATAAT—GTCACAATACAGCATGCAAAA TATTATTTTATATAGGACCAACCTTCAAATGATTGCGTGTCAAAATTGACGTC TATTATTTTATATAGTACCAACCTTCAAATGATTGCGTGTCAAAATTGACGTC CTTATAATTCACTGTATCACATT—CCAGTGG—GTCAGAAGTTTACATACA AATTTCATTATTTTTTGAATTATCAATAAAACGACTCTGTTGTTGACTGG—A * * * * * ** *
Z29098 Z29102 U11641 U11652 L48685 X01005	AATTTCAGATTGCTGCA—GATCAGTAGAAGTTAGCAACGATGGTCGTGGTAAACCTA AATTTCAGATTGCTGCA—GATCAGTAGAAGTTAGCAACGATGGTCGTGGTAAACCTA —AATTAGTTTGAGA—GCAACTTTGTTATTGTTGAAAGAAAA TCATAGTTTGAGATAGAGCGTCTTGTGAAGCAACTTTGTTATTGTTGAAAGAAAA —CTAAGTTGACTGT—CCTTAA—CAGCTTGGAAAATTCCAG—AAAATGA TTGTTTGGTTGATAAT—TATTTCAGGTATGTTAAATCTGTTGGGTGTTAAATC * * * * * ** **
Z29098 Z29102 U11641 U11652 L48685 X01005	TTTCTAAAG—AAATCAGAGTATTGATAGGGATTATTTAAATCTGGAAAG TTTCTAAAG—AAATCAGAGTATTGATAGGGATTATTTAAATCTGGAAAG TGGAAAAAAATTCTATTGCAATTTCGTTGTTGATAAAATACTGTTTCTGAAAGGGAAA TGGAAAAAA—AGGAATTTCGTTGTTGATAAAATACTGTTTCTGAAAGGGAAA TGTGATGGC—TTTAGAAGCTTC—TGTAGACTAATTGACATCATTGAG TTTCTTGG—ACGTCAGAAAGCCATTGAG—CTGGCTTCGAACAAGGAAT * * * * * *
Z29098 Z29102 U11641 U11652 L48685 X01005	ACACTTACGGAGATAAGCAAGCAATTAAATTGCTTAAGTCGCTGTGCATGGGGTGTAT— ACACTTACGGAGATAAGCAAGCAATTAAATTGCTTAAGTCGCTGTGCATGGGGTGTAT— AA—TGCGGTGG—AAGCAAAAAGTTGGCTTGATAATGAGTTCCGGACTCTGCCCAAA— AA—TACAGTGG—AAGCAAAAACCTTGGCTTGATAATGAGTTCCGGACTCTGCCCAAG— TCAATT—GGAGGGTGTACCTGTGGATGTATT—CAAGGCTACCTTCA—AACGCAST— ACCCACGAAAAGCTCGGGCTGCAATTCAACGTTCTCGACTATTGAAAGTAATC

Fig. 5C

\* \* \*

Z29098	ACAAATTTCAAAAAA-AATGGAAATTGAAAATAA-CA-TTGCAGATAGAGGCCGAA
Z29102	ACAAATTTCAAAAAA-AATGGAAATTGAAAATAA-CA-TTGCAGATAGAGGCCGAA
U11641	GGAAATCAAATAATTGATTGGTATGCAAATTCAAGCG-AGGTGAATGAGCACCGA
U11652	GGAAATCAAATAATTGATTGGTATGCAAATTCAAGCG-TGGTGAATGAGCACCGA
L48685	GCCTTTGCTTGACATAATGGAAAATCAAAAGAAATCAGCCAACACCATGGGACCAAG
X01005	AAGAAGTACCAAAACTGAGGTGAATTGACAAATTTTAATAAAATATTATTTTAATAAAATGTTAGA

\* \* \*

Z29098	CATCAGCAA-TAACACCCCGCAGACAAAAGACAA-CTGGCCAAAATTGTTAAGGCCTGAT
Z29102	CATCAGCAA-TAACACCCCGCAGACAAAAGACAA-CTGGCCAAAATTGTTAAGGCCTGAT
U11641	GGACGGTGA-ACGCAGTGGACGCCCGAAAG-AG-GTGGTTACCGACGAAAAA
U11652	GGACGGTGA-ACGCAGTGGACGCCCGAAAG-AG-GTGGTTACCGACGAAAAA
L48685	CAGCGTCA-TACCGCTCAGGAATGAGACGCATTCTGTCCTAGAGATAAA
X01005	AATCCGTCGCTTGAGAAATCTGCCCGCAGGCCT-CGAGTACAAACCCATAGGATGGAT

\* \* \*

Z29098	CGTCGCCAATCTTGGAGAAATTGGCTTCAAGTGGTCCCA-GCAATTGGCAAAACT
Z29102	CGTCGCCAATCTTGGAGAAATTGGCTTCAAGTGGTCCCA-GCAATTGGCAAAACT
U11641	CATCAAAATAATCCACAAAAT-GATTTGAATGACCGTAAATGAAGTTGATCGAGAT
U11652	CATCAAAATAATCCACAAAAT-GATTTGAATGACCGTAAATGAAGTTGATCGAGAT
L48685	CAT-ACTGTGGTGCAGAAAGT-GCAAAATCACTCCAGAACGACAGCAAAGGACCT
X01005	CGC-AACATCCTCCGATCAGCA-AGAGAAGATCCGATAG-GACGCCACGGATAT

\* \* \*

Z29098	GTCAGCGAGAGTGGACCGCAGACAAAATTAAAGTAT-TGGATATGGTTTATAAAAGT
Z29102	GTCAGCGAGAGTGGACCGCAGACAAAATTAAAGTAT-TGGATATGGTTTATAAAAGT
U11641	AACAAA-GGCCTTAAACATATCAA-GGAACGTGT-TGGTCATATCATTATCAA
U11652	AGCAAG-GGCCTTAAAGATATCAA-GGAACGTGT-TGGTCATATCATTATCAA
L48685	TBTGAA-GATGCTGGAGAAAACAGGTATGAATTGTTCTATATCCACAGTAAAACGAGTC
X01005	-TCAATGATTATAAGTTCTCCAAATGAACCTGTAC-CAAGTAAACGAACGTGTTGTC

\* \* \*

Z29098	ATGTTTGTATTACCTGTGCATCGTACCCAAATACTTACTCGTAATCTTACTCGTAGGC
Z29102	ATGTTTGTATTACCTGTGCATCGTACCCAAATACTTACTCGTAATCTTACTCGTAGGC
U11641	-TATTTGGATAT-GCGGAAGCTCTGTGCAAAATGGGTGCCGCCGAACTCACAT-TTGAC
U11652	-TATTTGGATAT-GCGGAAGCTCTGTGCAAAATGGGTGCCGCCGAGCTCACAT-TTGAC
L48685	CTATATCGACATAACCTGAAAGGC-CGCTCAGCAAGGAAGAACCCA-CTGCTCCAAAAC
X01005	GACGTTACAGCAAGCAGGACTACACGGACGA-AAGCCAGTCAAGAAAACCGTTCATCACT

\* \* \*

Z29098	CAAGG-AAAAACCTTGCTTACGCTTCTGCAAAAAAGAACGTTTGCATGGG-CTCG
Z29102	CAAGG-AAAAACCTTGCTTACGCTTCTGCAAAAAAGAACGTTTGCATGGG-CTCG
U11641	CAAAA-ACAACAACGTGTTGATGATTCT-GAGCGGTGTTGCAGCTGT-TAAC
U11652	CAAAA-ACAACAACGTGTTGATGATTCT-GAGCGGTGTTGCAGCTGT-TAAC
L48685	CSCGATAAAAAGCCAGACTACCGTTTGCACATGCCACATGGGACAAATATGGTACTTT
X01005	AAGAA-AAATCGCATGGCTCGAGTTGCCTGGCAAAAGC-GCATCTTGTGGGACGTC

\* \* \*

Z29098	GGAAAGGATGTCTTGGACTCAAAGGCAATGGGATACCATCATATTCAAGCGATGAAGCTAA
Z29102	GGAAAGGATGTCTTGGACTCAAAGGCAATGGGATACCATCATATTCAAGCGATGAAGCTAA
U11641	TGTAATACACCGAGTTTCCGCTGATATG-TAACATGGATGAAACATGGCTCCATC
U11652	TGTAATACACCGAGTTTCCGCTGATATG-TGACATGGATGAAACATGGCTCCATC
L48685	TGGAGAAAATGTCCTCTTCTGGTCTGATGAA-AAAAAAATAGAACTATTGGCCAT
X01005	AGGAATGGGCTAACACATCTGGTCTGACGAA-AGCAAGTCAATTGTTGGGAGT

\* \* \*

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Fig. 5D

Z29098 ATTTGATGTTAGTGTGGCGATACGAGAAAACGCGTCATCC8TAAGAGGTCAAGAACATA  
Z29102 ATTTGATGTTAGTGTGGCGATACGAGAAAACGCGTCATCC8TAAGAGGTCAAGAACATA  
U11641 ACTACACTCCTGAGTTCGATCAAACAGTCGGCTGAAGTGGACAGCGACCGGT—GAACCGTC  
U11652 ACTACACTCCTGAGTCCAAACBACAGTCGGCTGAAGTGGACABCGACCGGT—GAACCGTC  
L48685 AATGACCATCCTTAT—GTTGGAGGAAAAGGGGGAGCTT6CAAGCCG—AAGATCA  
X01005 GATGGAAATTCTG—GGTACGTC8TCCTGTTGGCTCTAGGTACTCTCCAAAGTA  
\* \* \* \* \*  
  
Z29098 CCATAAAAGACTGCCTTAAAAGAACACAACAAAGTTTCCGCGAGCACTATG8TATGGGGATG  
Z29102 CCATAAAAGACTGCCTTAAAAGAACACAACAAAGTTTCCGCGAGCACTATG8TATGGGGATG  
U11641 TCCGAAG—CGTGGAAAAGACTCAAAAGTCCGCTGGCAAAGTAATGGCCTCTGTTT  
U11652 TCCGAAG—CGTGGAAAAGACTCAAAAGTCCGCTGGCAAAGTAATGGCCTCTGTTT  
L48685 CCATC—CCAAGCGTGAAAGCACGGGG—TGGCAGCATCATGTTGTGGGGGTG  
X01005 TCAATGC—CCAACCGTTAAAGCATGGAGG—TGGGAGCGTCATGGTGTGGGGGTG  
\* \* \* \* \* \*\*\* \* \* \*  
  
Z29098 TATGTCGCAAAGGATTAGAAAACCTTCATTGAAAGGGACAGTTAATGCTGAAA  
Z29102 TATGTCGCAAAGGATTAGAAAACCTTCATTGAAAGGGACAGTTAATGCTGAAA  
U11641 TTGGAAATGCGCATGGAATAATTTCATGATTATCTTGAAGGAAAAAACCATCAACAG  
U11652 TTTCGATGCGCATGGAATAATTTCATGATTATCTTGAAGGAAAAAACCATCAACAG  
L48685 CTTTGCAGGAGGGACTGGTGCACCTCACAAGGATGGCATCATEGACAAAGGAAA  
X01005 CTTCACCAAGCACTTCATGGGCCACTAAGGAGAATCACAAGCATTATGGATCGTTTCA  
\* \* \* \* \*  
  
Z29098 ATATATTAAATTTACAAGATAGTTGTTGCCATCAATACCAAAACTATTAGATTGCGG  
Z29102 ATATATTAAATTTACAAGATAGTTGTTGCCATCAATACCAAAACTATTAGATTGCGG  
U11641 —TGAATTATATGGCGTTATTGTAACGTTGAAGGTGAAATCGCGCAAATGG  
U11652 —TGAATTATATGGCGTTATTGACCGTTGAAGGTGAAATCGCGCAAATGG  
L48685 TTATBTGCTATATTGAAACATCTAACACATCACTGAGGAAATTCAGCTGGCA  
X01005 ATACAAAACATCTTGAAGGAACTACAATGCGACCCCTGGGACTTCAAATGTGGCGTG  
\* \* \* \* \*  
  
Z29098 TGAATTCACTTTCAGCAGGACGGAGCATCGCAC—ACAGCCAAGCGAACCAAAA  
Z29102 TGAATTCACTTTCAGCAGGACGGAGCATCGCAC—ACAGCCAAGCGAACCAAAA  
U11641 —CCCCATATGAAAGAAGAAAAAGTGTGTTGACCAAGACAATGCAACCGTGCCACAA  
U11652 —CCCCATATGAAAGAAGAAAAAGTGTGTTGACCAAGACAACGCAACCGTGCCACAA  
L48685 CAAATGGGTCTTCAAAATGGACAATGACCTCAAGCAT—ACTTCCAAAGTTGTGGCA  
X01005 C—TTCTGTTTCAAGCAGGATAACGATCTAACGAT—ACTTCTCTCATGTGGCGTT  
\* \* \* \* \* \*\*\* \* \*  
  
Z29098 ATTGGCTGCAATATAATCAAATGGAGGTTTAGATTGGCATCAAATAGTCAGATCTAA  
Z29102 ATTGGCTGCAATATAATCAAATGGAGGTTTAGATTGGCATCAAATAGTCAGATCTAA  
U11641 GTCACTGAAACGATGGCAA—AATTCAATGCTGGCTTCGAAATTGCTTCCCCACCC  
U11652 GTCATTGAAACGATGGCAA—AATTCAATGCTGGCTTCGAAATTGCTTCCCCACCC  
L48685 AATGGCTTAAGGTCACAAAGTCAGGTATTGGAGTGGCATCACAAAGCTCTGACCTCA  
X01005 CATGGTTCAACGTCATGTCATTGCTGATTGGCCAGTCAGTCTCCGGACTTGA  
\* \* \* \* \* \*\*\* \* \*  
  
Z29098 GCGCAATTGAAAATATTGGTGGCTAATGAAAAACCGCTT—CGAAAT—GAGCC—ACA  
Z29102 GCGCAATTGAAAATATTGGTGGCTAATGAAAAACCGCTT—CGAAAT—GAGCC—ACA  
U11641 ACTATATTCTCAGATCTGGCCCCAGCGAATTTCCTTGT—TCTCA—GACCT—CAA  
U11652 ACCGTATTCTCAGATCTGGCCCCAGCGAATTTCCTTGT—TCTCA—GACCT—CAA  
L48685 ATCCCTATGAAAGGAGGAATGAGCAAATTCAACCAACTTATTG6GG—AAGCTTG  
X01005 ATCCAAATAGGACATTGTCG6GAAAGAGTTGGAAAGACGTCCTGGAGGTATTGCGGCT—TCA  
\*\* \* \*  
  
Z29098 AAGGAATATTCTGACTTGAAAATCAAGTTGCAAGAGATGTGGGACTCAATTCTCAAGA  
Z29102 AAGGAATATTCTGACTTGAAAATCAAGTTGCAAGAGATGTGGGACTCAATTCTCAAGA

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Fig. 5E

U11641	AAGGGATGCTCGCAGGGAAAAAATTGGCTGCAATGAA	GAGG
U11652	AAGG-ATGCTCGCAGGGAAAAAATTGGCTGCAATGAA	GAGG
L48685	GAAGGCTACTCGAAATGTTGACCCAAGTTAACAAATT	AAAG
X01005	AATGCAAGATGCCAAATTC—ACCAGTTGAAAAGCCTTGGAAAGCTATCCCCATGTCA	
* * * * *		
Z29098	GCATTGCAAAAATTGTTAAGCTCAATGCCAAAACGAGTTAAATCGTAATGCAGGCCAA	
Z29102	GCATTGCAAAAATTGTTAAGCTCAATGCCAAAACGAGTTAAATCGTAATGCAGGCCAA	
U11641	TAATGCCGAAAC—TAAGGCCTATTGAGGCAAACCGTAAGAGTACTA—CCA	
U11652	TGATGCCGAAAC—TGAGGCCTATTGAGGCAAACCGTAAGAGTACTA—CCA	
L48685	GCAATGCTA—CCAAATACTAATTGAGTGTATGTTAATCTTC-TGACCCA—CTGG	
X01005	GTTATTCAACAGTGTATCGA-CTCGATGCCACCTCGTTGTCAGCTGTTATTGATGCAA	
* * * * *		
Z29098	GGGCGACGTTACACAATTCTAATATAATTAAATTATTGTTTAAGTATGATASTAAATC	
Z29102	GGGCGACGTTACACAATTCTAATATAATTAAATTATTGTTTAAGTATGATASTAAATC	
U11641	AAATGGTATCAAAATTGGAAAGTGTATATCGTGGTATCGCTCTTGA—AGGGGACT	
U11652	AAATGGTATCAAAATTGGAAAGTGTATATCGTGGTATCGCTCTTGA—AGGGGACT	
L48685	GAATGATGAAAGAATAAAAGCTGAAATGAATCATTCCTCTACTATTATTCTG—	
X01005	CGGATACGCGACAAAGTATTGACATAATTATGTTGT—TTTAAATCCAATTGC—TC	
* * * * *		
Z29098	ACATTACGCCGCGTTCGAATTAAATGTTGTCACCTTTTCTTATCTCTTAAAGCAAACCGT	
Z29102	ACATTACGCCGCGTTCGAATTAAATGTTGTCACCTTTTCTTATCTCTTAAAGCAAACCGT	
U11641	ATGTTGAAATAATAA—AAACGAATTGACAAAAAA-TGTGTTTCTTTGTTAGACCGG	
U11652	ATGTTGAAATAATAA—AAACGAATTGACAAAAAAATGTGTTTCTTTGTTAGACCGG	
L48685	ATATTCACATTCTTAAATAAA—GTGGTG—TCCTAACTGACCTTAAAGACAGGGAAAT	
X01005	ATATTCGGTACTT—TAATTGTCATTCTTGTCAACCTCGGTTTCAATATT	
* * * * *		
Z29098	TTGAAATAATTACTCATATTTTGTGTTGTTGGAAATAGAGCAAACCTTTTTTCTG	
Z29102	TTGAAATAATTACTCATATTTTGTGTTGTTGGAAATAGAGCAAACCTTTTTTCTG	
U11641	—GGACTTATCACCCAAACCTGTAA	
U11652	—GGACTTATCACCCAAACCTGTAA	
L48685	C—TTACTCGGATTAAATGTCAGGAATTGTAAGGAAAGTGTGTTAAATGTATTTG—GC	
X01005	C—TAGTTTTCGATTTTGAAATTCTGAAAGTTTCAAAATCTGTTGAACAT	
* *		
Z29098	CCTGAABAGAATAAAATTCTCTTGTGAGACGAAATGCATTGGTATGTGTTATCTTGTAG	
Z29102	CCTGAAGAGAATAAAATTCTCTTGTGAGACGAAATGCATTGGTATGTGTTATCTTGTAG	
U11641	————	
U11652	————	
L48685	TAAGGTGTATGTAACCTCCGACTTCACCTG	
X01005	TTTGT—ATGAATATTGTGTTTGTGAAACACTGTGGTGAAGTTCAAAACA	
————		
Z29098	TATTGATAATATAGTGTGTTAACATTGCGCACTGCAAAAAAAACATGCTGTTGCAATT	
Z29102	TATTGATAATATAGTGTGTTAACATTGCGCACTGCAAAAAAAACATGCTGTTGCAATT	
U11641	————	
U11652	————	
L48685	AAATAACCACTTAAAGTTACACACAAAAACCAAAGTGGATATCTTTGGCCA	
X01005	————	
————		
Z29098	ATAGTGGTTGGGGCTCG	
Z29102	ATAGTGGTTGGGGCTCG	
U11641	————	
U11652	————	

Fig. 5F

L48685  
X01005      GCACTB  
(  
(  
X01005:0.47463,  
(  
U11641:0.02397,  
U11652:0.01879)  
:0.47911)  
:0.01531,  
(  
Z29098:0.00029,  
Z29102:0.00029)  
:0.42978,  
L48685:0.46683):

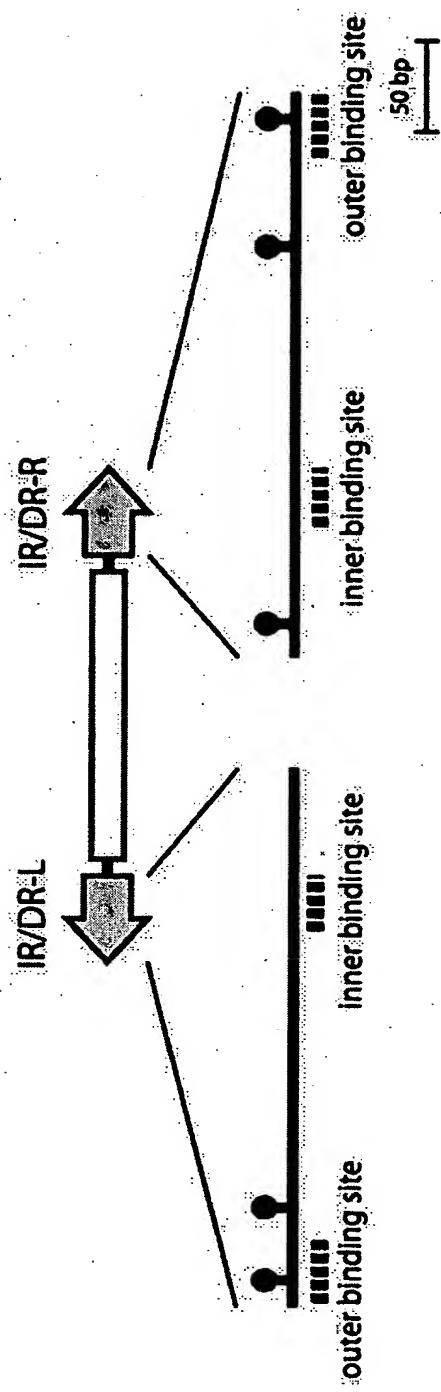


Fig. 6A

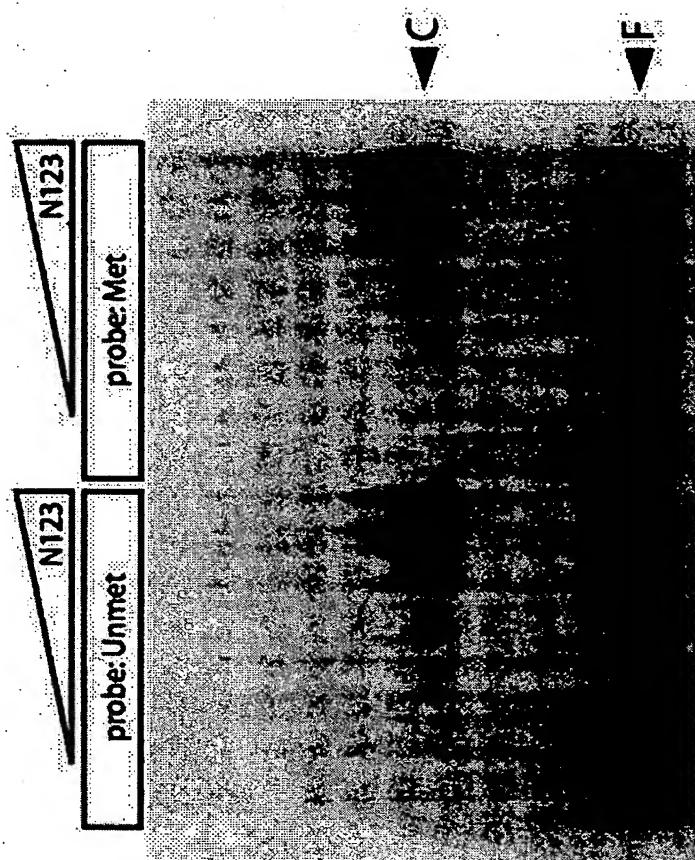


Fig. 6B

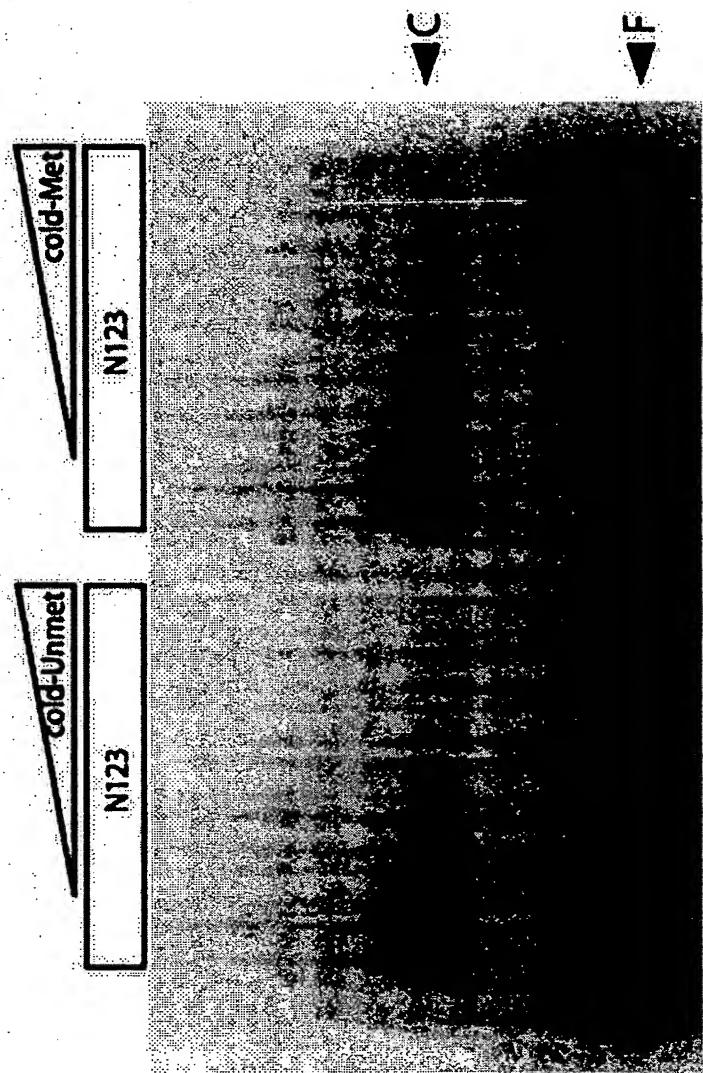


Fig. 6C

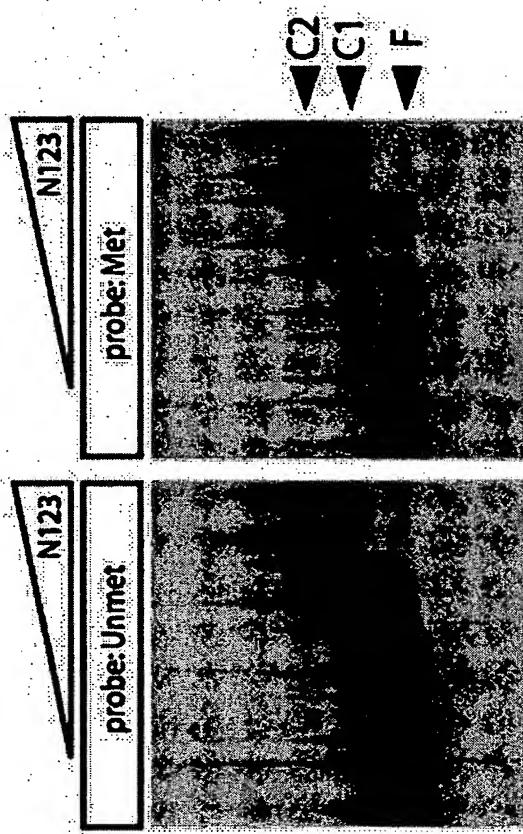


Fig. 6D

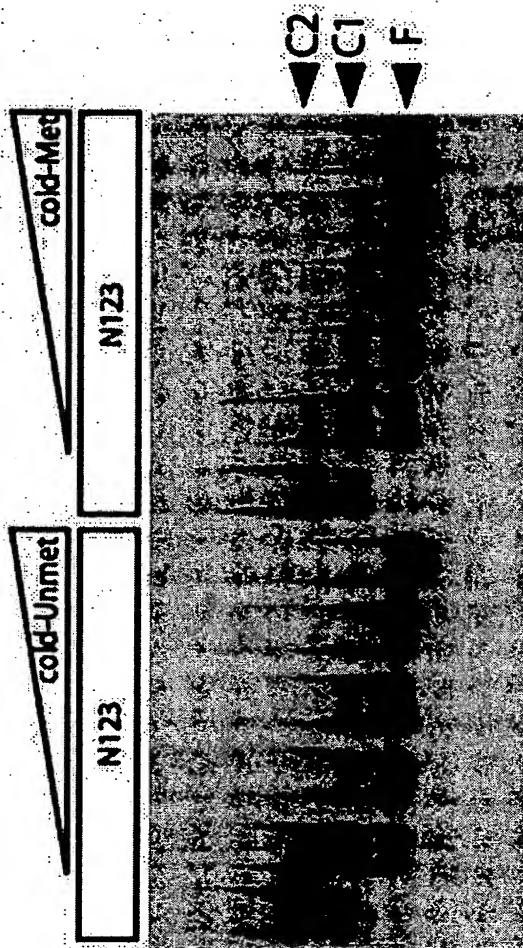


Fig. 6E

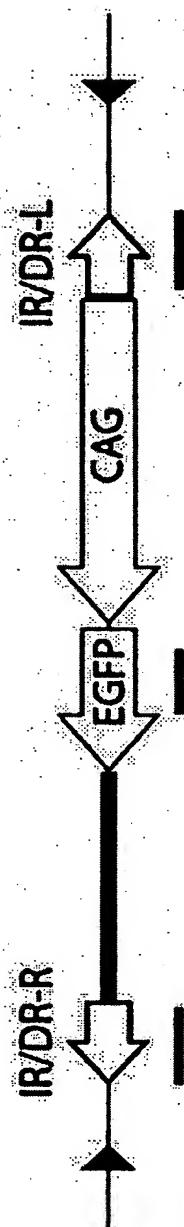


Fig. 7A

Fig. 7B

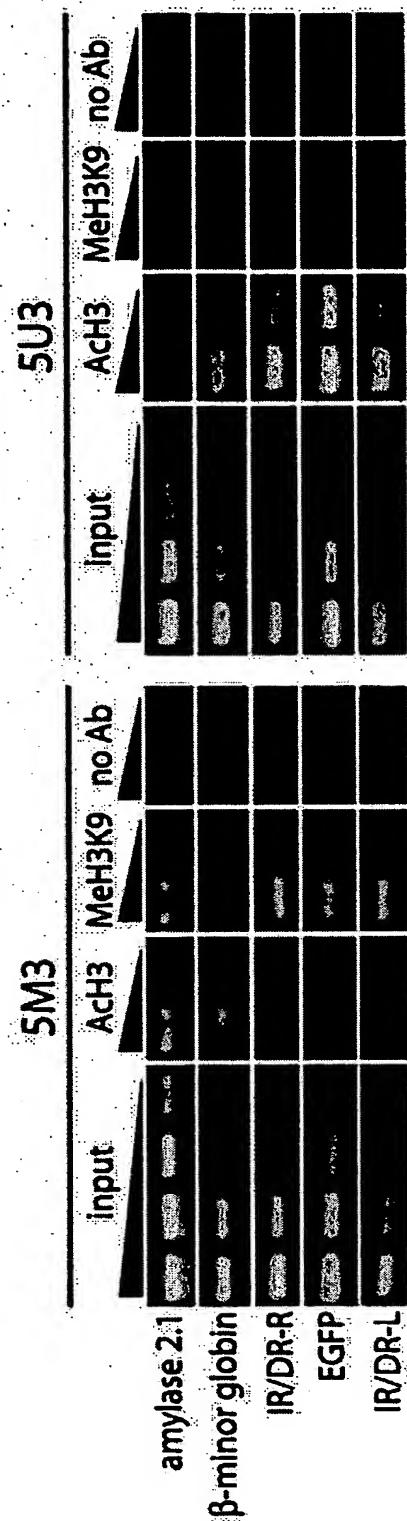
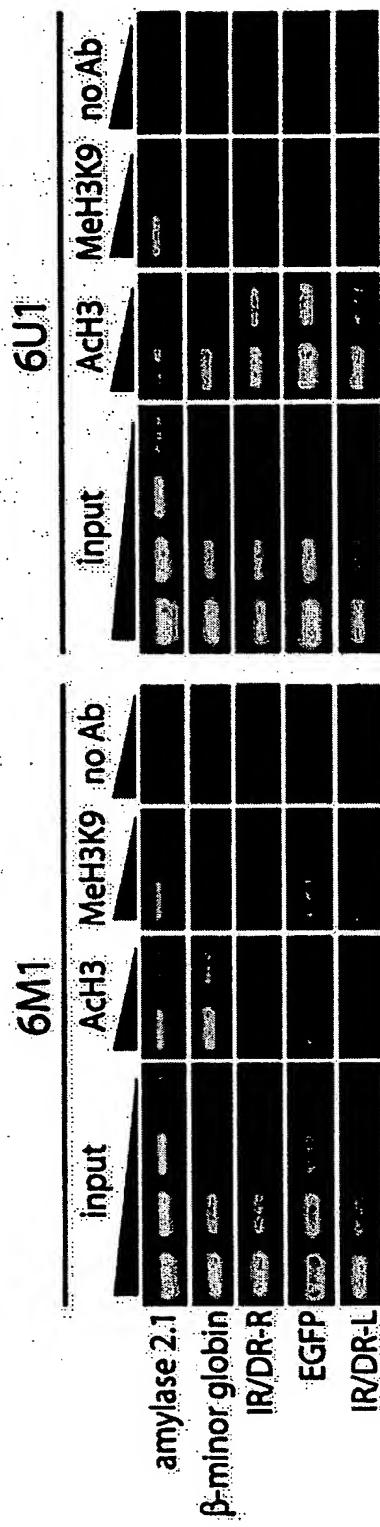


Fig. 7C



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